

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

S I R:

Transmitted herewith for filing are the specification and claims of the patent application of:

Michael R. Rosen, Richard B. Robinson, Ira S. Cohen
and Han-Gan Yu for
Inventor(s)

A HIGH THROUGHPUT BIOLOGICAL HEART RATE MONITOR THAT IS
MOLECULARLY DETERMINED
Title of Invention

Also enclosed are:

X 17 sheets(s) of ___ informal X formal drawings.

___ Oath or declaration of Applicant(s).

___ A power of attorney.

___ An assignment of the invention to _____

___ A Preliminary Amendment.

___ A verified statement to establish small entity status under 37 C.F.R. § 1.9 and § 1.27.

The filing fee is calculated as follows:

CLAIMS AS FILED, LESS ANY CLAIMS CANCELED BY AMENDMENT

	NUMBER FILED		NUMBER EXTRA*		RATE		FEE		
					SMALL ENTITY	OTHER ENTITY		SMALL ENTITY	OTHER ENTITY
Total Claims	31-20	=	11	X	\$ 9	\$ 18	=	\$ 99	\$
Independent Claims	6-3	=	3	X	\$ 40	\$ 80	=	\$120	\$
Multiple Dependent Claims Presented: Yes <input checked="" type="checkbox"/> No					\$ 135	\$ 270	=	\$ 0	\$
*If the difference in Col. 1 is less than zero, enter "0" in Col. 2.					BASIC FEE			\$355	\$
					TOTAL FEE			\$574	\$

Applicant : Michael R. Rosen et al.
Serial No.: Not Yet Known
Filed: July 3, 2001

Letter of Transmittal
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X A check in the amount of \$574.00 to cover the filing fee.

_____ Please charge Deposit Account No. _____ in the amount
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— The issue fee set in 37 C.F.R. § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b).

X Three copies of this sheet are enclosed.

_____ A certified copy of previously filed foreign application
No. _____ filed in _____ on
_____ based upon this aforementioned foreign application under
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Respectfully submitted,

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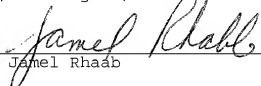
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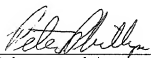
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